Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012126.D
Acq On : 13 Oct 2017 07:40
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 13 18:47:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	312376	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	1239387	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	695250	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.25	188	1496791	20.00	ng/ul	0.02
75) Chrysene-d12	21.44	240	2057623	20.00	ng/ul	0.04
83) Perylene-d12	23.80	264	2323971	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	14355	2.18	ng/uL	0.00
5) Phenol-d5	7.02	99	367415	14.50	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.17	67	228016	15.00	ng/ul	0.02
9) 2-Chlorophenol-d4	7.38	132	333818	15.53	ng/ul	0.02
13) 4-Methylphenol-d8	8.57	113	316784	14.52	ng/ul	0.03
19) Nitrobenzene-d5	9.02	128	156310	16.53	ng/ul	0.02
22) 2-Nitrophenol-d4	9.74	143	155065	14.03	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.29	165	333116	15.79	ng/ul	0.03
29) 4-Chloroaniline-d4	10.80	131	88363	4.47	ng/ul	0.03
43) Dimethylphthalate-d6	13.90	166	1013836	16.50	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	1297410	17.44	ng/ul	0.02
51) 4-Nitrophenol-d4	14.74	143	98083	10.62	ng/ul	0.05
57) Fluorene-d10	15.50	176	869629	17.24	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.60	200	181	0.02	ng/ul	0.00
70) Anthracene-d10	17.35	188	1335053	18.04	ng/ul	0.03
76) Pyrene-d10	19.65	212	1553498	14.87	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.65	264	1980062	17.67	ng/ul	0.08
Target Compounds						Qvalue
17) Hexachloroethane	8.95	117	16028	1.731	ng/ul#	1
28) Naphthalene	10.70	128	479250	7.474	ng/ul	99
40) 1,1'-Biphenyl	13.33	154	744153	12.682	ng/ul	99
42) 2-Nitroaniline	13.59	65	82252	6.421	ng/ul	88
44) Dimethylphthalate	13.95	163	418381	6.796	ng/ul	99
69) Phenanthrene	17.30	178	491987	5.778	ng/ul	99
71) Anthracene	17.39	178	123402	1.400	ng/ul	97
74) Fluoranthene	19.32	202	1095643	10.662	ng/ul#	93
77) Pyrene	19.68	202	1003628	7.386	ng/ul#	90
80) Benzo(a)anthracene	21.42	228	776748	5.801	ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.32	149	1341007	14.774	ng/ul	99
82) Chrysene	21.47	228	775581	6.170	ng/ul#	88
85) Benzo(b)fluoranthene	23.08	252	1347444	8.885	ng/ul#	78
86) Benzo(k)fluoranthene	23.08	252	1347444	9.220	ng/ul#	76
88) Benzo(a)pyrene	23.70	252	847553	5.929	ng/ul#	73
89) Indeno(1,2,3-cd)pyrene	26.24	276	607994	4.005	ng/ul#	74
91) Benzo(g,h,i)perylene	27.00	276	622911	5.010	ng/ul#	66

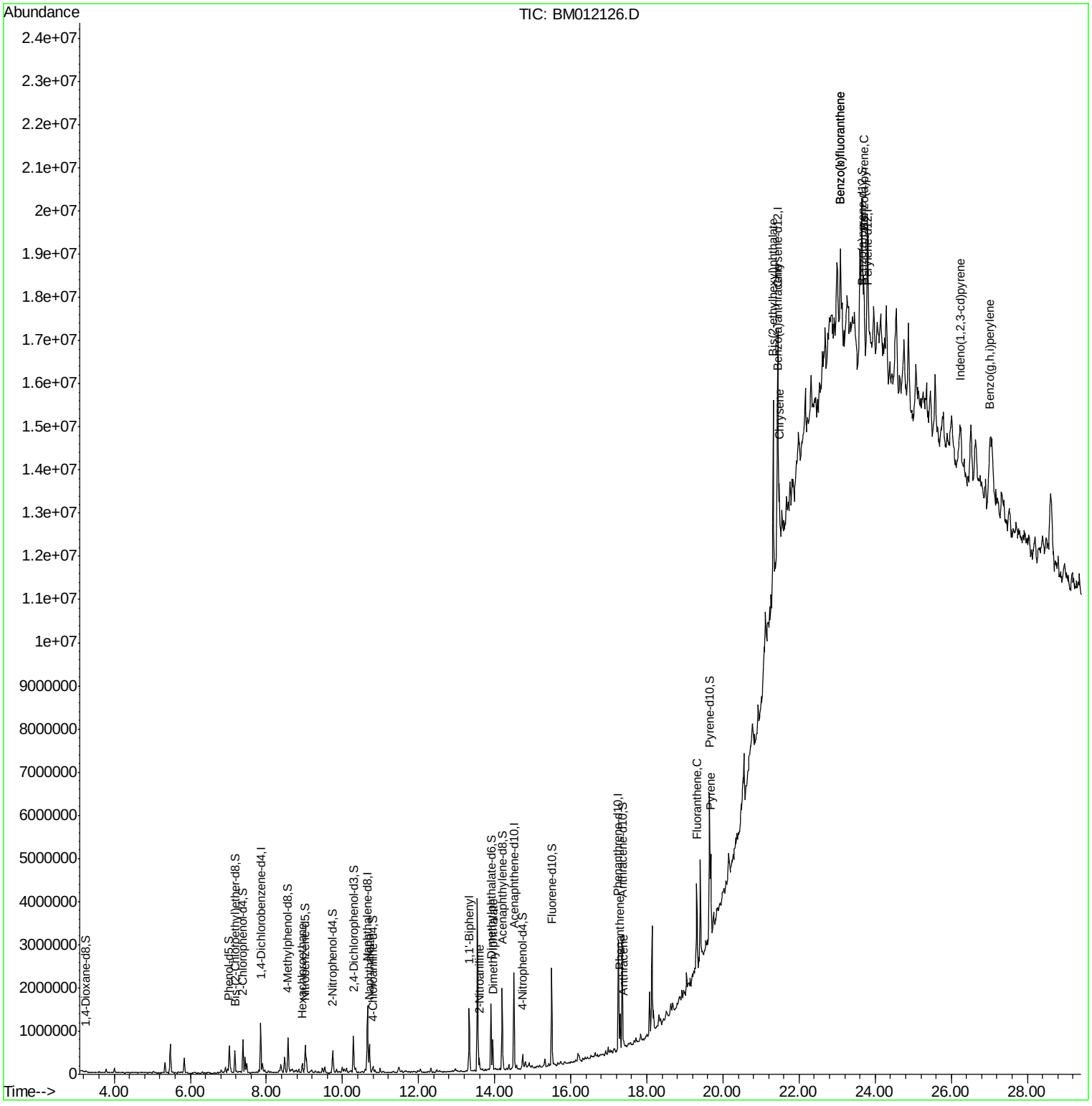
(#) = qualifier out of range (m) = manual integration (+) = signals summed

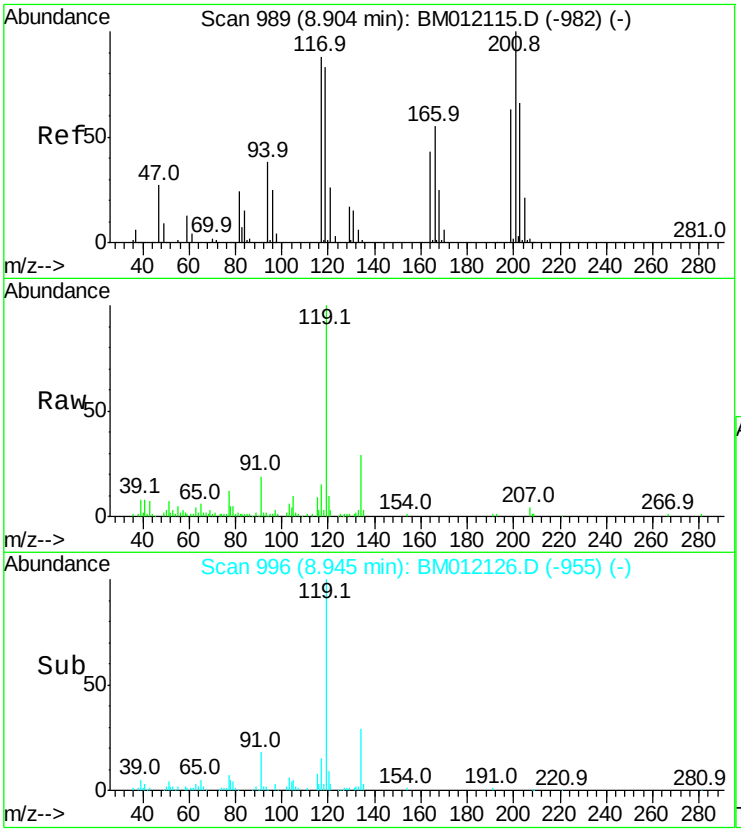
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012126.D
Acq On : 13 Oct 2017 07:40
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 13 18:47:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



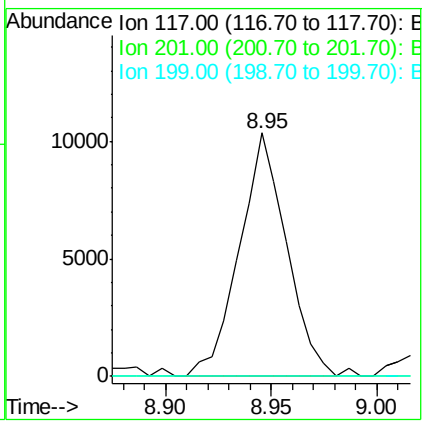


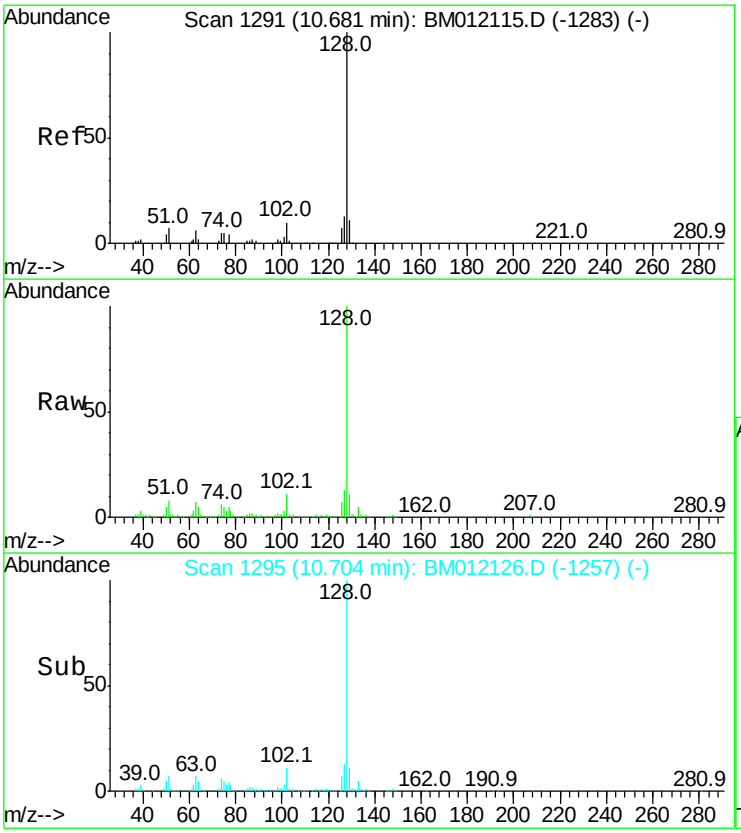
#17
Hexachloroethane
Concen: 1.731 ng/ul
RT: 8.95 min Scan# 996
Delta R.T. 0.04 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 16028

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#

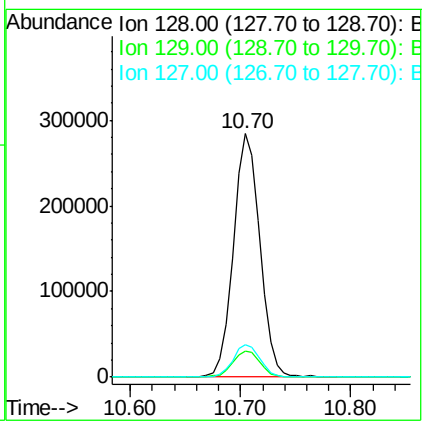


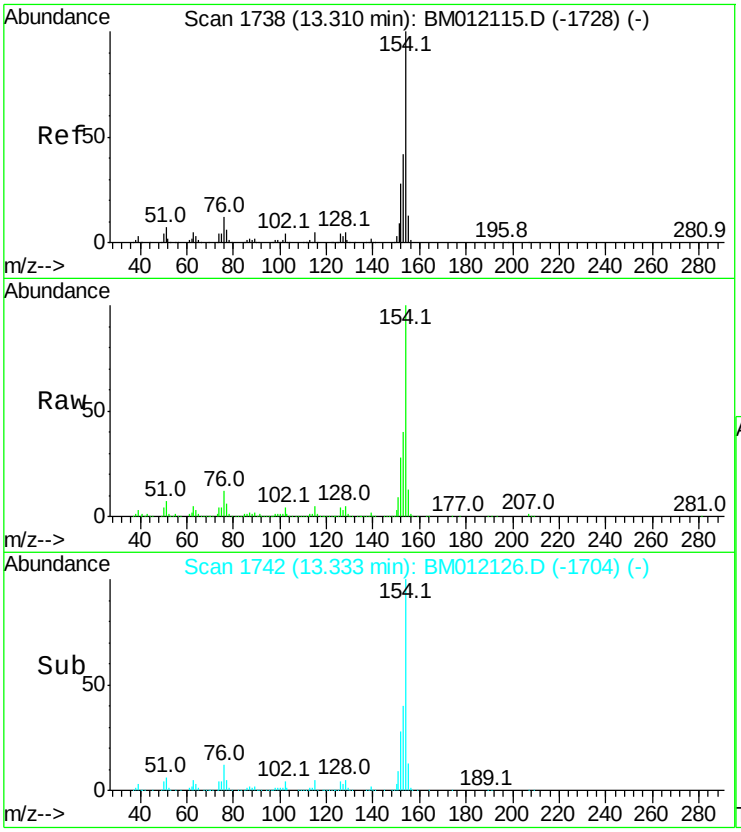


#28
Naphthalene
Concen: 7.474 ng/ul
RT: 10.70 min Scan# 1295
Delta R.T. 0.02 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Tgt Ion:128 Resp: 479250

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.4	10.6	16.0



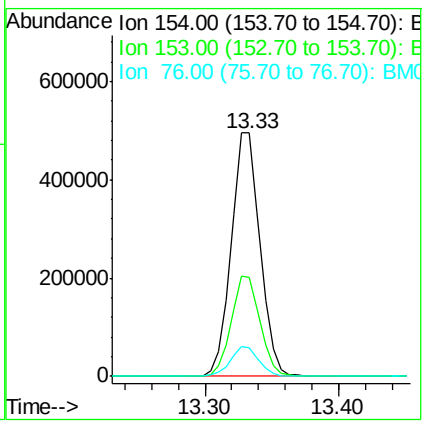


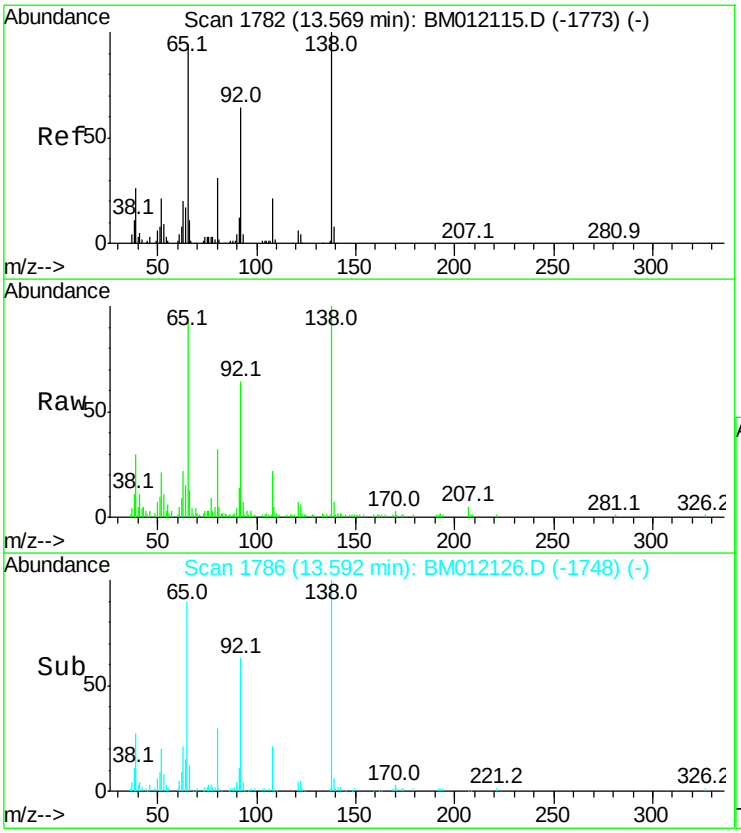
#40
1,1'-Biphenyl
Concen: 12.682 ng/ul
RT: 13.33 min Scan# 1742
Delta R.T. 0.02 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 744153

Ion	Ratio	Lower	Upper
154	100		
153	40.4	32.6	48.8
76	11.7	8.5	12.7

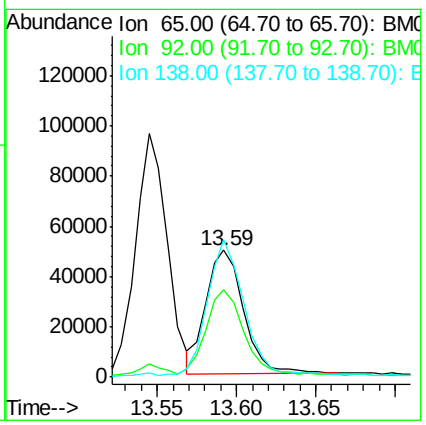


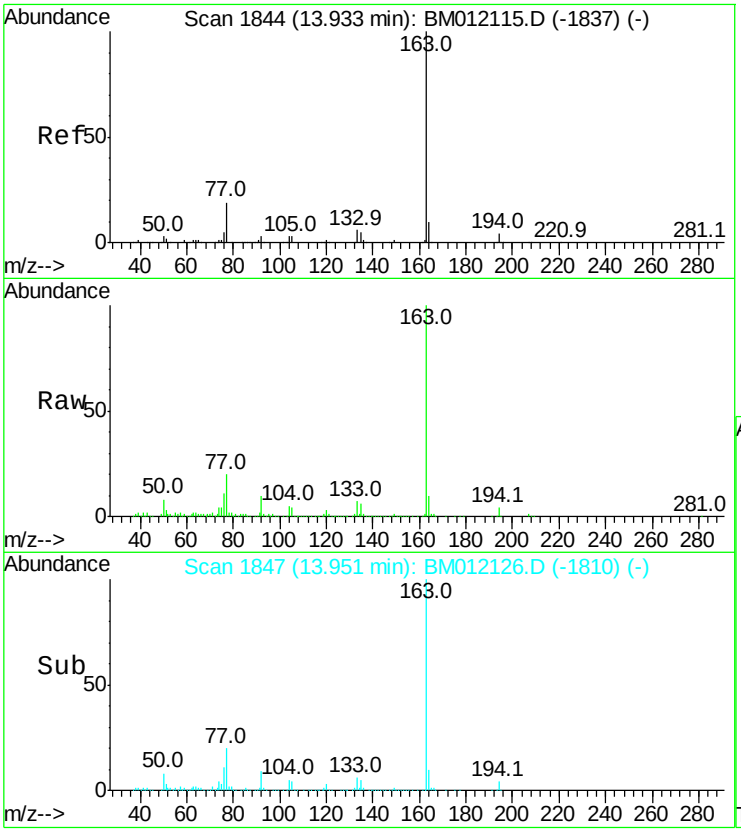


#42
2-Nitroaniline
Concen: 6.421 ng/ul
RT: 13.59 min Scan# 1786
Delta R.T. 0.02 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Tgt Ion: 65 Resp: 82252

Ion	Ratio	Lower	Upper
65	100		
92	69.1	51.8	77.6
138	108.2	74.2	111.4



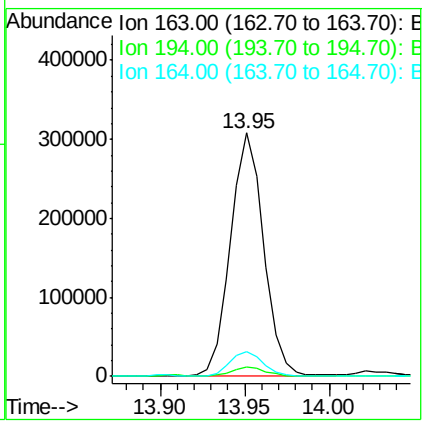


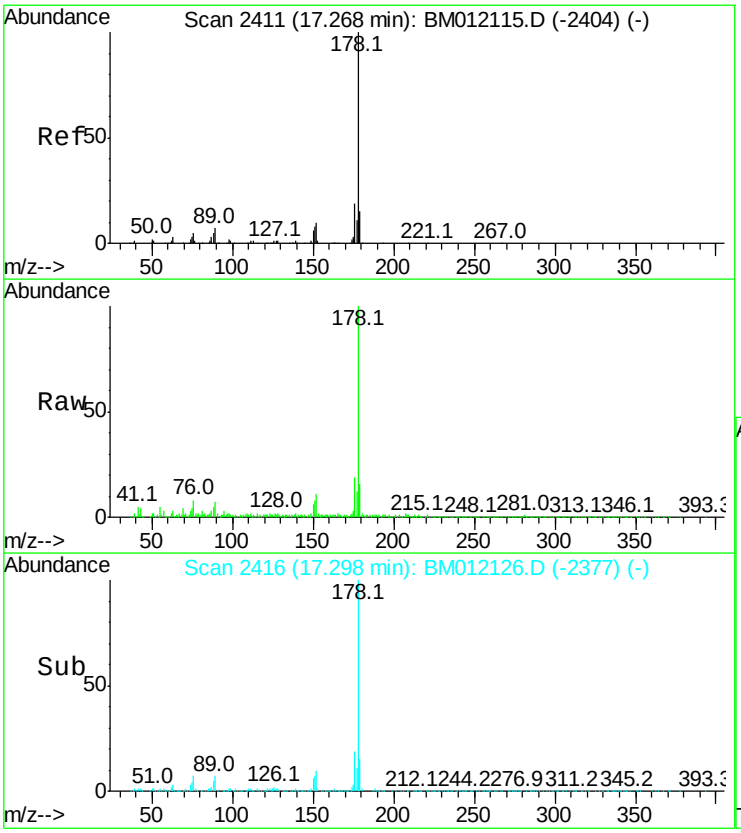
#44
Dimethylphthalate
Concen: 6.796 ng/ul
RT: 13.95 min Scan# 1847
Delta R.T. 0.02 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 418381

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.1	8.2	12.4

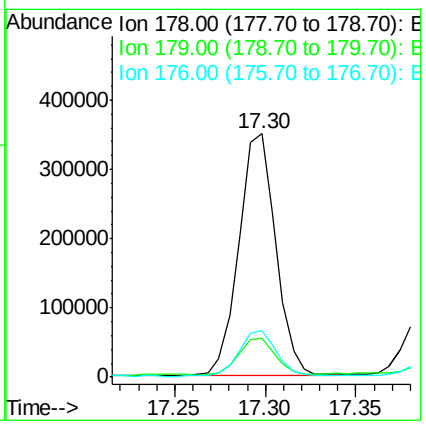


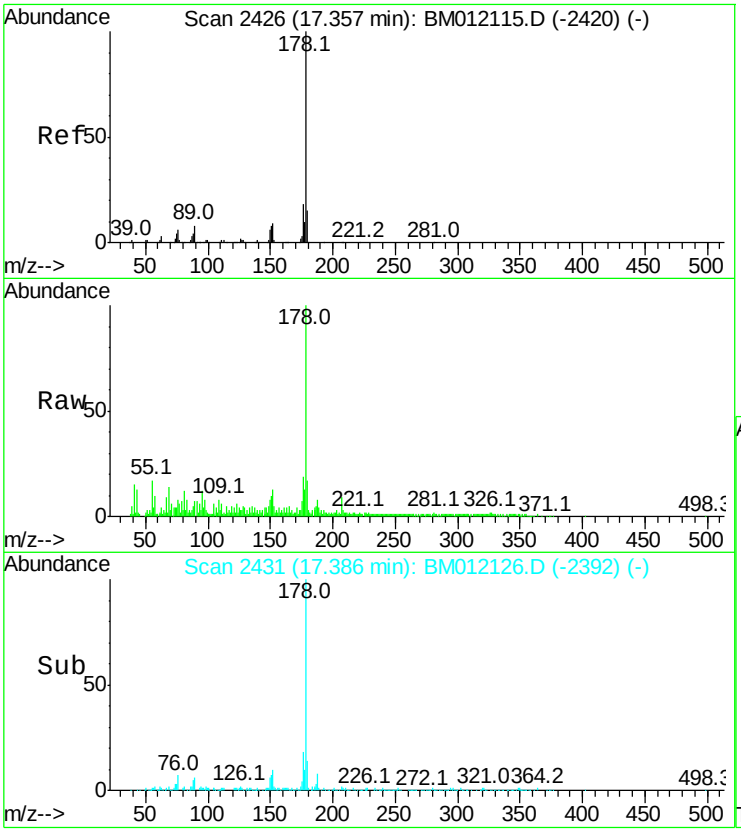


#69
Phenanthrene
Concen: 5.778 ng/ul
RT: 17.30 min Scan# 2416
Delta R.T. 0.03 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Tgt Ion:178 Resp: 491987

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	19.0	14.9	22.3



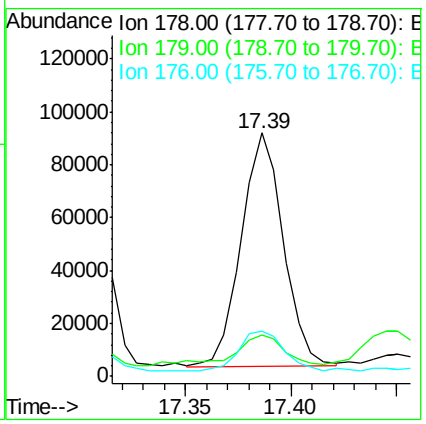


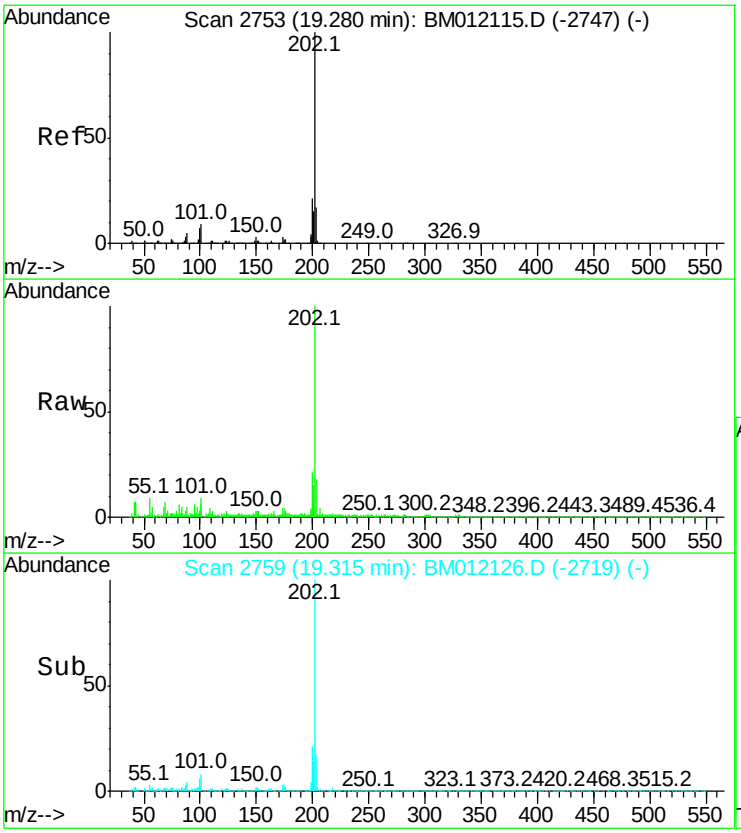
#71
Anthracene
Concen: 1.400 ng/ul
RT: 17.39 min Scan# 2431
Delta R.T. 0.03 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 123402

Ion	Ratio	Lower	Upper
178	100		
179	17.0	11.7	17.5
176	18.8	14.6	21.8

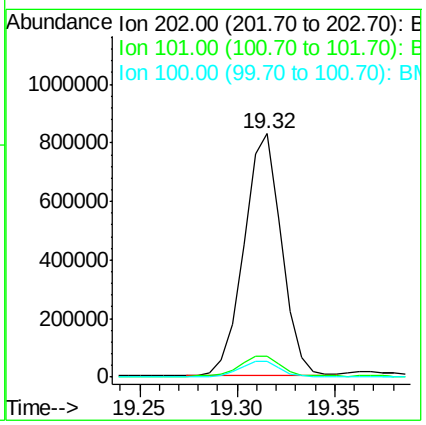


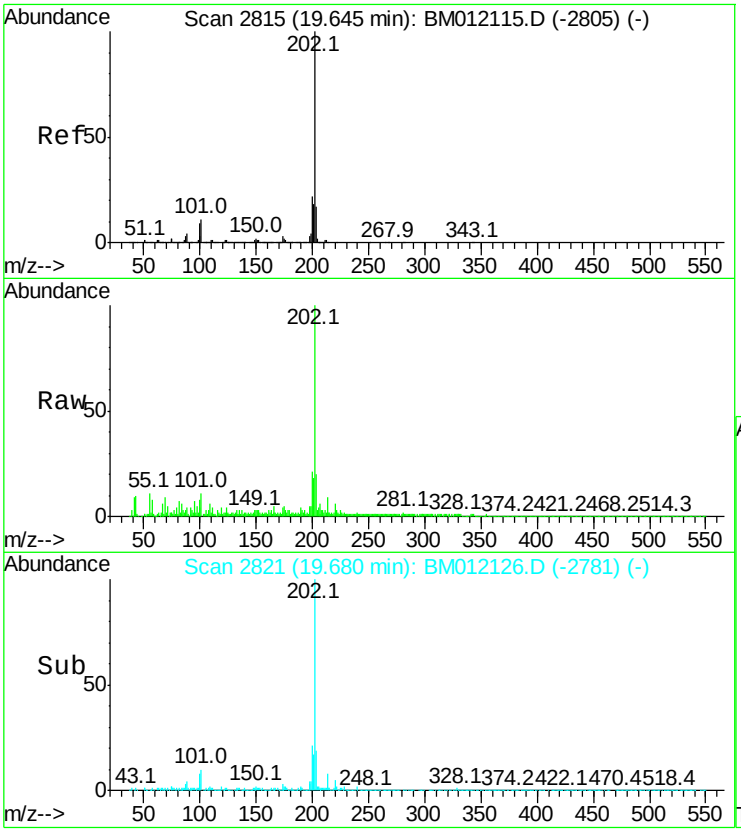


#74
Fluoranthene
Concen: 10.662 ng/ul
RT: 19.32 min Scan# 2759
Delta R.T. 0.04 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Tgt Ion:202 Resp: 1095643

Ion	Ratio	Lower	Upper
202	100		
101	8.5	4.6	7.0#
100	6.5	3.4	5.2#



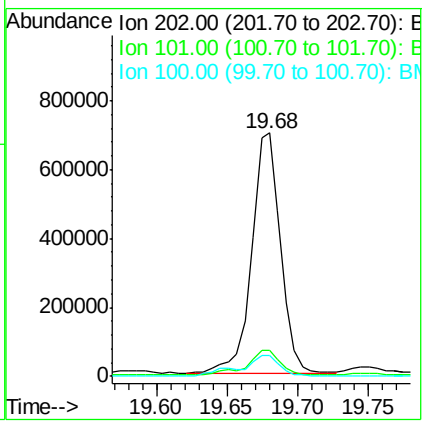


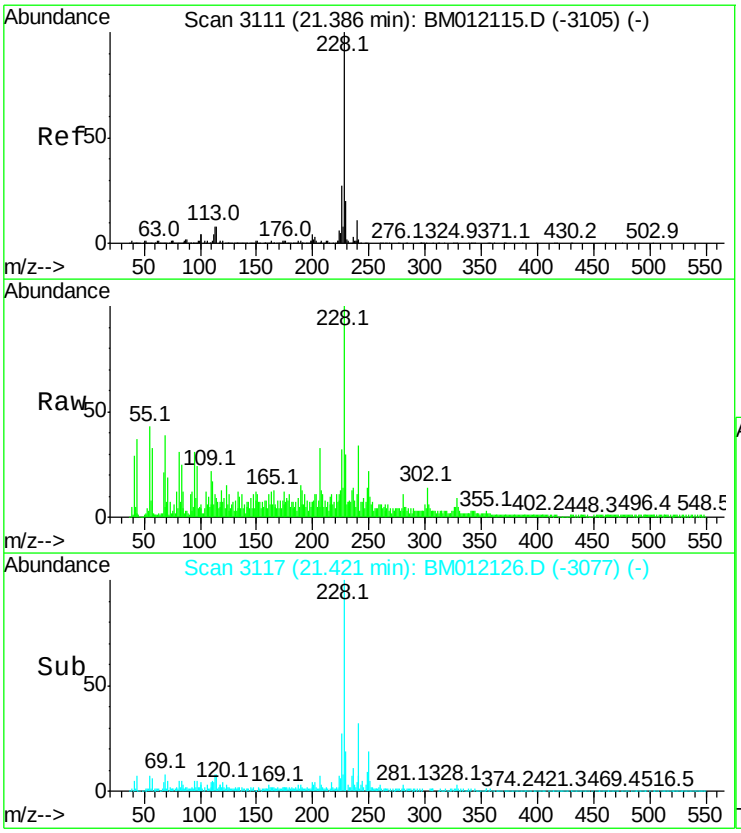
#77
Pyrene
Concen: 7.386 ng/ul
RT: 19.68 min Scan# 2821
Delta R.T. 0.04 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1003628

Ion	Ratio	Lower	Upper
202	100		
101	10.6	5.1	7.7#
100	8.4	4.9	7.3#

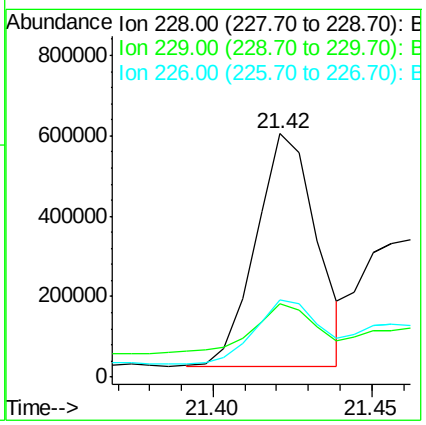


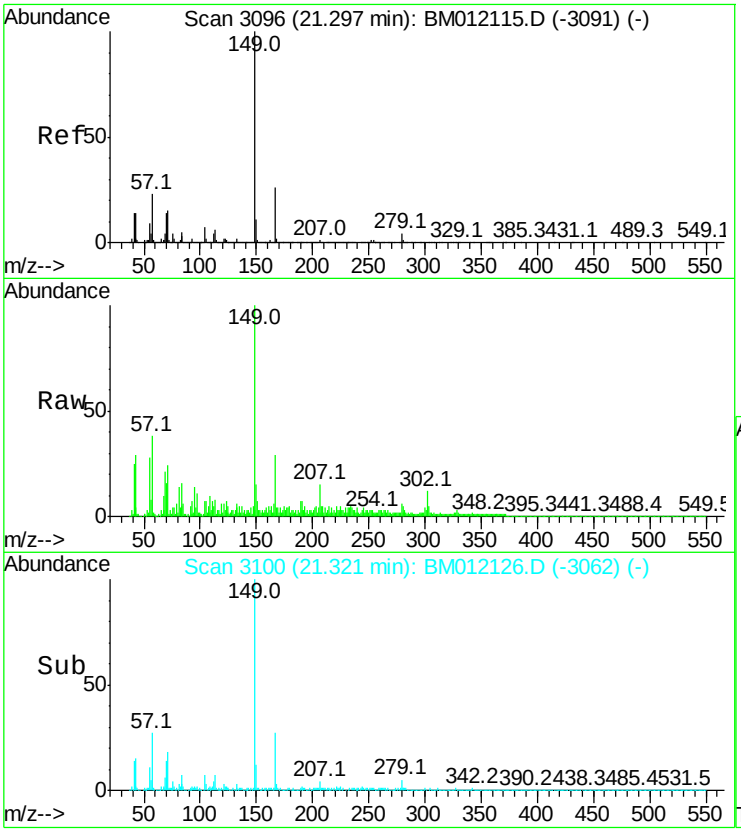


#80
Benzo(a)anthracene
Concen: 5.801 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. 0.04 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Tgt Ion:228 Resp: 776748

Ion	Ratio	Lower	Upper
228	100		
229	29.9	15.4	23.0#
226	31.8	21.4	32.0



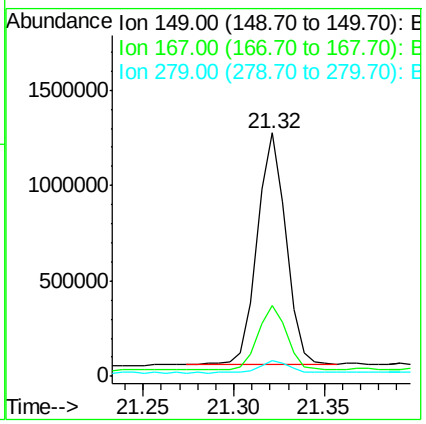


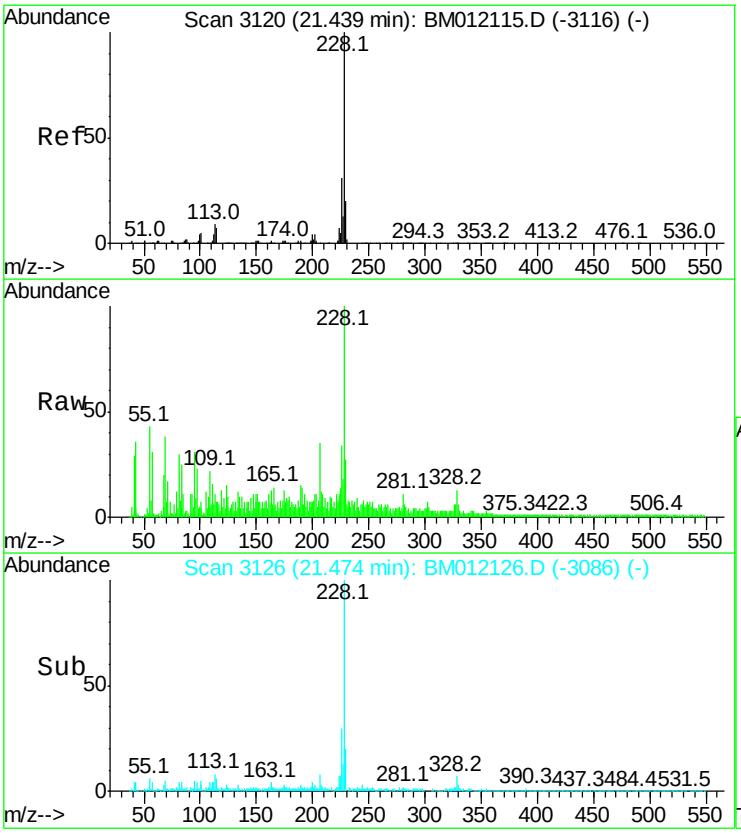
#81
Bis(2-ethylhexyl)phthalate
Concen: 14.774 ng/ul
RT: 21.32 min Scan# 3100
Delta R.T. 0.02 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1341007

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.8	34.2
279	6.4	4.9	7.3

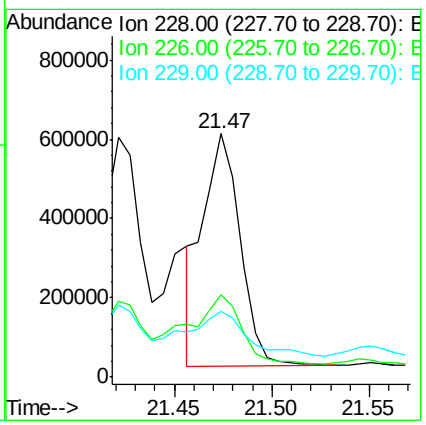


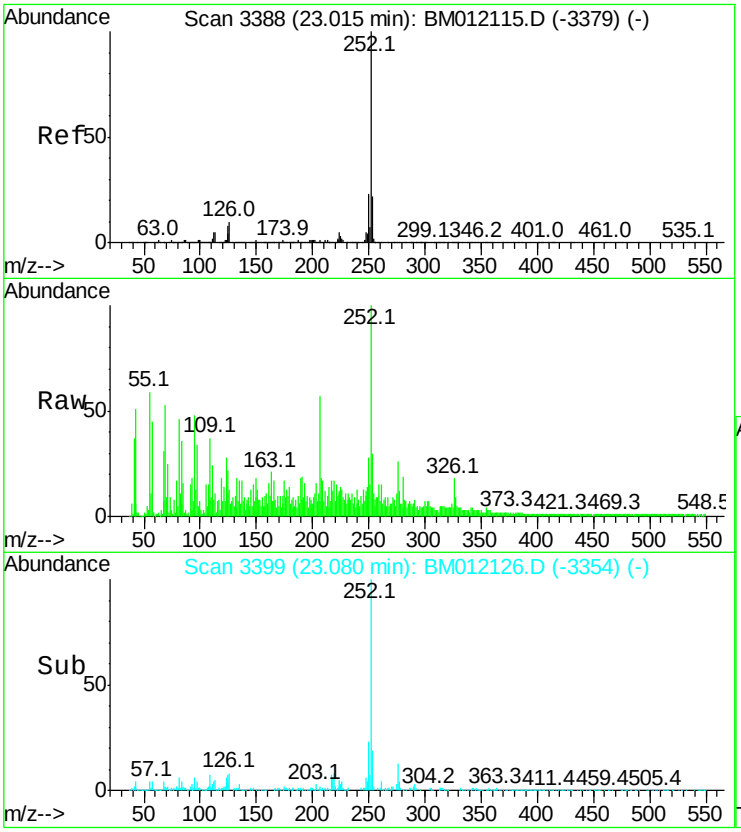


#82
Chrysene
Concen: 6.170 ng/ul
RT: 21.47 min Scan# 3126
Delta R.T. 0.04 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Tgt Ion:228 Resp: 775581

Ion	Ratio	Lower	Upper
228	100		
226	33.9	23.4	35.2
229	27.1	15.5	23.3#



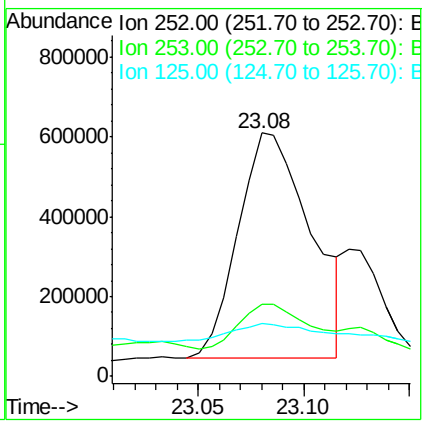


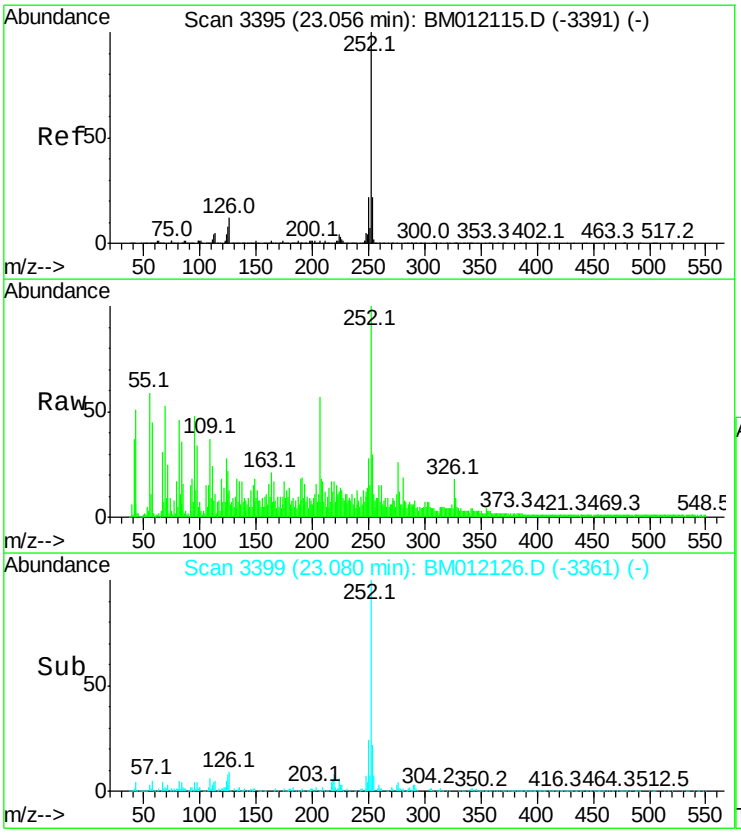
#85
Benzo(b)fluoranthene
Concen: 8.885 ng/ul
RT: 23.08 min Scan# 3399
Delta R.T. 0.06 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1347444

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.9	26.9#
125	22.0	3.6	5.4#

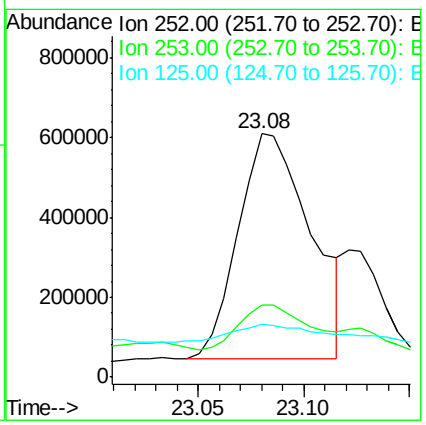


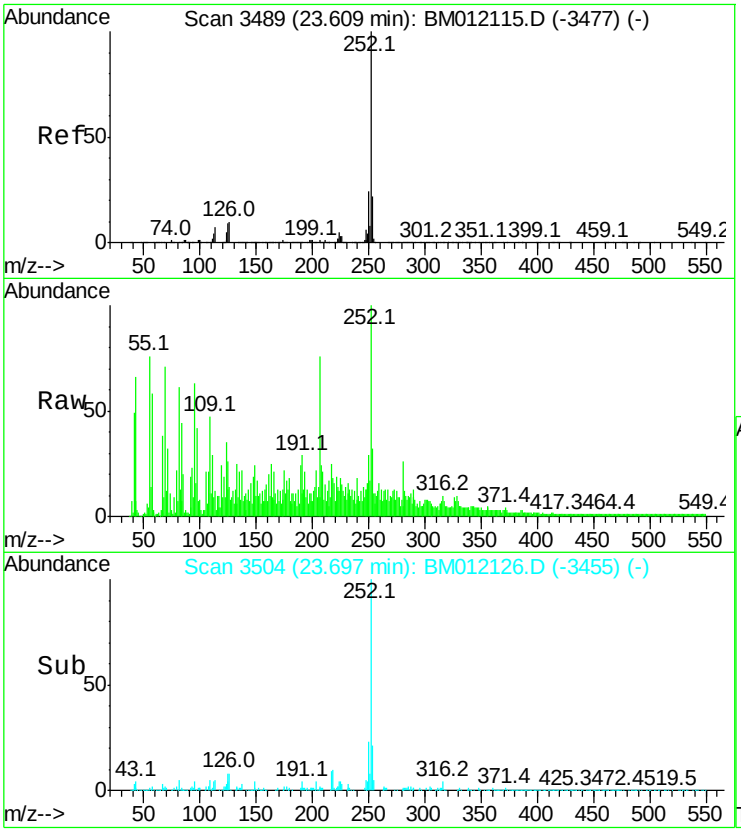


#86
Benzo(k)fluoranthene
Concen: 9.220 ng/ul
RT: 23.08 min Scan# 3399
Delta R.T. 0.02 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Tgt Ion:252 Resp: 1347444

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.1	25.7#
125	22.0	3.4	5.2#



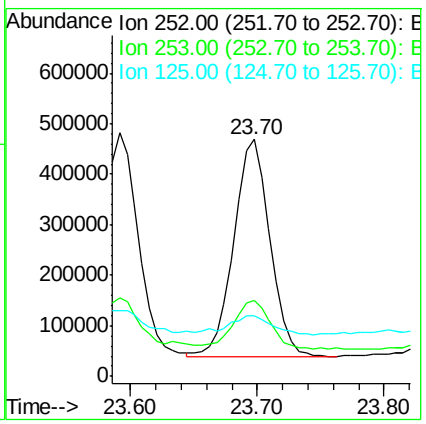


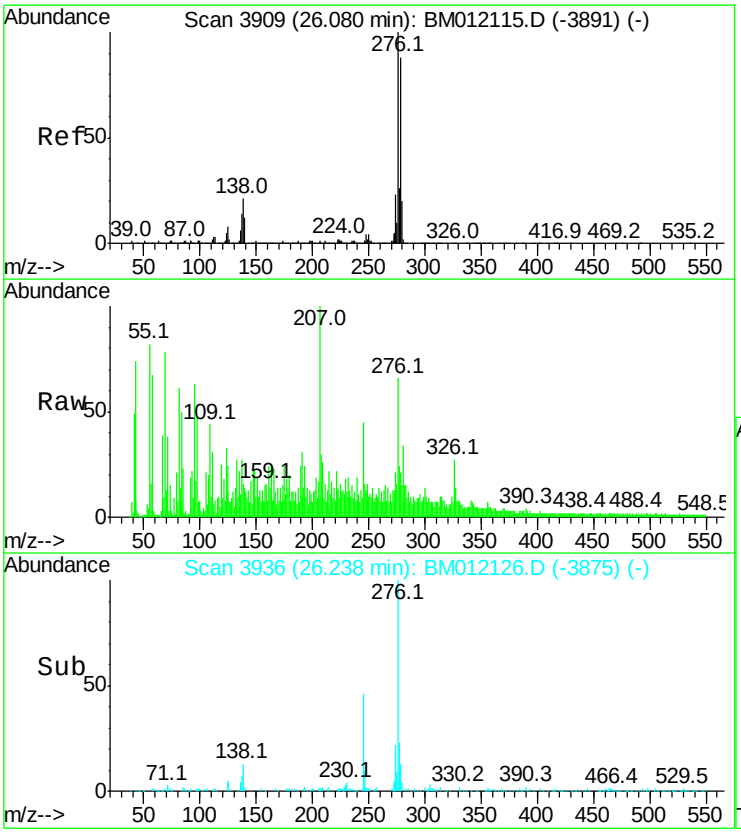
#88
Benzo(a)pyrene
Concen: 5.929 ng/ul
RT: 23.70 min Scan# 3504
Delta R.T. 0.09 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 847553

Ion	Ratio	Lower	Upper
252	100		
253	32.2	18.2	27.2#
125	25.7	4.0	6.0#

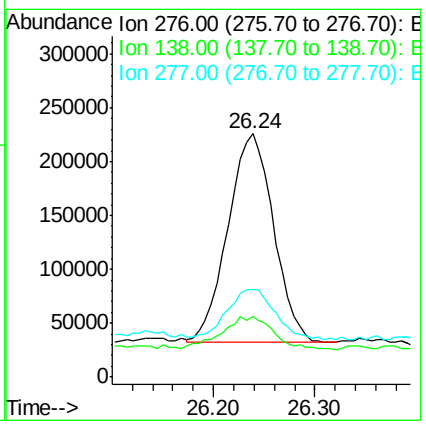


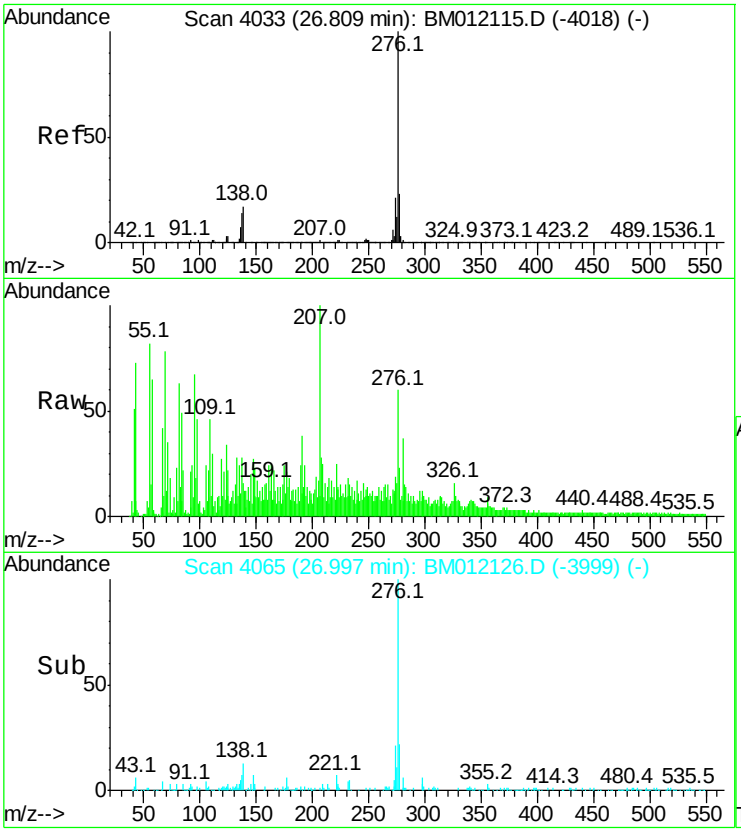


#89
Indeno(1,2,3-cd)pyrene
Concen: 4.005 ng/ul
RT: 26.24 min Scan# 3936
Delta R.T. 0.16 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Tgt Ion:276 Resp: 607994

Ion	Ratio	Lower	Upper
276	100		
138	24.7	9.3	13.9#
277	35.9	19.9	29.9#





#91
Benzo(g,h,i)perylene
Concen: 5.010 ng/ul
RT: 27.00 min Scan# 4065
Delta R.T. 0.19 min
Lab File: BM012126.D
Acq: 13 Oct 2017 07:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 622911

Ion	Ratio	Lower	Upper
276	100		
138	26.0	8.5	12.7#
277	38.6	18.6	28.0#